Sedimentary Geology, 70 (1991) 271
Elsevier Science Publishers B.V., Amsterdam

Contents

Sedimentary Geology, Volume 70, 1991

Research Papers

Diachronous uplift and recycling of sedimentary basins during Cenozoic tectonic transpression, northeastern Caribbean plate margin
C. Heubeck, P. Mann (Austin, Texas, U.S.A.), J. Dolan (Santa Cruz, Calif., U.S.A.) and S. Monechi (Firenze, Italy) 1

The depositional environment of the late Pliocene "red clay", Jing-Le Basin, Shanxi Province, China
Mo Duowen (Beijing, China) and E. Derbyshire (Leicester, U.K.) 33

Deposition and early diagenesis of playa glauberite in the Karinga Creek drainage system, Northern Territory, Australia
A.V. Arakel (Brisbane, Qld., Australia) and A. Cohen (Jerusalem, Israel) 41

Fining-upward cycles in the sandy braided-river deposits of the Westwater Canyon Member (Upper Jurassic), Morrison Formation, New Mexico
P.D. Godin (Toronto, Ont., Canada) 61

Book Reviews

The Macmillan Field Guide to Geological Structures, by John L. Roberts—M. Tucker 83

Geological Maps, Their Solution and Interpretation, by T. Bolton and P. Proudlove—J. Rupke 84

Guide for Authors

Special Issue:

The record of sea-level fluctuations

Edited by K.T. Biddle and W. Schlager

Preface 85

Marine ice-sheet decoupling as a mechanism for rapid, episodic sea-level change: the record of such events and their influence on sedimentation
J.B. Anderson and M.A. Thomas (Houston, Texas, U.S.A.) 87

Onlap, offlap, and the origin of unconformity-bounded depositional sequences
N. Christie-Blick (Palisades, N.Y., U.S.A.) 105

Depositional bias and environmental change—important factors in sequence stratigraphy
W. Schlager (Amsterdam, The Netherlands) 109

High-frequency sequences and their stacking patterns: sequence-stratigraphic evidence of high-frequency eustatic cycles
R.M. Mitchum, Jr. and J.C. Van Wagoner (Houston, Texas, U.S.A.) 131

Sea-level fluctuations and the geometric variability of tide-dominated sandbodies
S.D. Nio and C.S. Yang (Leiderdorp, The Netherlands) 161

Cretaceous to Eocene sea-level fluctuations on the New Jersey margin
R.K. Olsson (New Brunswick, N.J., U.S.A.) 195

Evolution of a Callovian–Oxfordian carbonate margin in the Neuquén Basin of west-central Argentina: facies, architecture, depositional sequences and global sea-level changes
L. Legarreta (Buenos Aires, Argentina) 209

The carbonate–clastic cycles of the East-Alpine Raibl group: result of third-order sea-level fluctuations in the Carnian
T. Bechstädt (Freiburg i.Br., Germany) and T. Schweizer (Degersheim, Switzerland) 241

0037-0738/91/$03.50 © 1991 – Elsevier Science Publishers B.V.